



560.003310

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
TADASHI OKAMOTO ET AL. ) Examiner: E. Dejong  
Application No.: 10/601,777 ) Group Art Unit: 1631  
Filed: June 24, 2003 )  
For: A METHOD FOR ACQUIRING )  
INFORMATION OF A BIOCHIP )  
USING TIME OF FLIGHT )  
SECONDARY ION MASS )  
SPECTROMETRY AND AN )  
APPARATUS FOR ACQUIRING )  
INFORMATION FOR THE )  
APPLICATION THEREOF : May 26, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FOURTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Since the U.S. Patent and Trademark Office waived the requirement under 37 C.F.R. § 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

May 30, 2006  
(Date of Deposit)

Jason M. Skun  
(Name of Attorney for Applicants)

Signature

May 30, 2006  
Date of Signature

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all U.S. national patent applications and for all international applications that have entered the national stage under 35 U.S.C. § 371, no copies of such documents are enclosed.

This Information Disclosure Statement is to make of record documents cited in co-pending Application No. 10/463,574 and in Japanese priority Application No. 2003-161862.

The concise explanation of relevance for the non-English documents may be found, *inter alia*, in the attached English language abstracts and/or translations.

Furthermore, the concise explanation of relevance for JP 2-086036 may be found in U.S. Patent No. 5,008,537, which is in the same patent family. The concise explanation of relevance for JP 2-183150 may be found in EP 0 378 077 A2, which is in the same patent family. Lastly, the concise explanation of relevance for JP 8-507640 may be found in U.S. Patent No. 5,563,410 and WO 94/20978 A1, which are all in the same patent family.


#### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

We also enclose a check for the required fee of \$180.00 to cover the Information Disclosure Statement under 37 C.F.R. 1.97(c)(2).

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY DOCKET NO. <b>03560.003310</b>		APPLICATION NO. <b>10/601,777</b>	
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				APPLICANT <b>Tadashi Okamoto et al.</b>			
FILING DATE <b>June 24, 2003</b>				GROUP <b>1631</b>			

OIPE  
 JUN 05 2006  
 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS							
*	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		2004/0259088 A1	06/24/03	Okamoto et al.	435	6	
		5,491,062	02/13/96	McKenzie et al.	435	6	
		6,027,890	02/22/00	Ness et al.	435	6	
		5,008,537	04/16/91	Toita et al.	250	309	
		5,563,410	10/08/96	Mullock	250	288	

FOREIGN PATENT DOCUMENTS							
*	WO	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		94/20978 A1	09/15/94	International			
		0 378 077 A2	07/18/90	Europe			
		2-86036	03/27/90	Japan			Abstract
		2-183150	07/17/90	Japan			Abstract
		8-507640	08/13/96	Japan			Translation

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)		
*		J. Claereboudt et al., "Mass Spectral Behavior of (M-H)- Ions of Some Pyrimidine Nucleotides," 22 Biol. Mass. Spectr. 419-21 (1993).
		H.F. Arlinghause et al., "Analysis of Biosensor Chips for Identification of Nucleic Acids," 69(18) Anal. Chem. 3747-53 (1997).

EXAMINER	DATE CONSIDERED
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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